



BEFORE THE ARIZONA CORPORATION COMMISSION

COMMISSIONERS

KRISTIN K. MAYES - Chairman GARY PIERCE PAUL NEWMAN SANDRA D. KENNEDY BOB STUMP

IN THE MATTER OF THE JOINT APPLICATION OF QWEST CORPORATION, QWEST COMMUNICATIONS COMPANY, LLC, QWEST LD CORP. dba QWEST LONG DISTANCE, EMBARQ PAYPHONE SERVICES, INC. AND CENTURYTEL SOLUTIONS, LLC FOR APPROVAL OF THE PROPOSED MERGER OF THEIR PARENT CORPORATIONS QWEST COMMUNICATIONS INTERNATIONAL INC. AND CENTURYTEL, INC.

T-02811B-10-0194 T-02811B-10-0194 T-04190A-10-0194 T-20443A-10-0194 T-03555A-10-0194

THE UNITED STATES DEPARTMENT OF DEFENSE AND ALL OTHER FEDERAL EXECUTIVE AGENCIES' INITIAL TESTIMONY

T-03902A-10-0194

INITIAL TESTIMONY

of

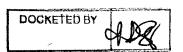
CHARLES W. KING

On Behalf of THE DEPARTMENT OF DEFENSE And ALL OTHER FEDERAL EXECUTIVE AGENCIES

Arizona Corporation Commission

DOCKETED

SEP 2 8 2010



STEPHEN S. MELNIKOFF
General Attorney
Regulatory Law Office
Office of the Judge Advocate General
U. S. Army Litigation Center
901 N. Stuart Street, Suite 700
Arlington, Virginia 22203-1837

September 27, 2010



CONTENTS

| Qualifications |
|--|
| Interests of DoD/FEA |
| Previous Telecommunications Acquisitions |
| Assessment of the Transaction |
| Financial Stress on Arizona Operations |
| Service Quality Concerns |
| Other Concerns |
| Summary of Recommendations |
| |
| Attachment A |
| Attachment BAppearances of Charles W. King before Regulatory Agencies |
| |
| DoD/FEA Exhibit 2West Virginia PSC Order of August 16, 2010 in Case No.09-0871-T-PC |
| DoD/FEA Exhibit 3Excerpts from CENTURYTEL INC's SEC Form 10-Q filed August 6, 2010, pages: Cover, Title, 27-39 |
| DoD/FEA Exhibit 4Qwest and CenturyLink FCC ARMIS Service Quality Reports for 2009 |

| 1 | | INITIAL TESTIMONY OF |
|----|------------|---|
| 2 | | CHARLES W. KING |
| 3 | <u>QUA</u> | ALIFICATIONS |
| 4 | Q. | PLEASE STATE YOUR NAME, POSITION AND BUSINESS ADDRESS. |
| 5 | A. | My name is Charles W. King. I am President of the economic consulting firm of |
| 6 | | Snavely King Majoros & O'Connor, Inc. ("Snavely King"). My business address |
| 7 | | is 1111 14 th Street, N.W., Suite 300, Washington, D.C. 20005. |
| 8 | Q. | PLEASE DESCRIBE SNAVELY KING. |
| 9 | A. | Snavely King, formerly Snavely, King & Associates, Inc., was founded by the |
| 10 | | late Carl M. Snavely and myself in 1970 to conduct research on a consulting basis |
| 11 | | into the rates, revenues, costs and economic performance of regulated firms and |
| 12 | | industries. The firm has a professional staff of 12 economists, accountants, |
| 13 | | engineers and cost analysts. Most of its work involves the development, |
| 14 | | preparation and presentation of expert witness testimony before federal and state |
| 15 | | regulatory agencies. Over the course of its 40-year history, members of the firm |
| 16 | | have participated in over 1000 proceedings before almost all of the state |
| 17 | | commissions and all Federal commissions that regulate telecommunications, |
| 18 | | utilities or transportation industries. |
| 19 | Q. | HAVE YOU PREPARED A SUMMARY OF YOUR QUALIFICATIONS |
| 20 | | AND EXPERIENCE? |
| 21 | Α. | Yes. Attachment A is a summary of my qualifications and experience. |
| 22 | Q. | HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY IN |
| 23 | | REGULATORY PROCEEDINGS? |
| 24 | A. | Yes. Attachment B is a tabulation of my appearances as an expert witness before |
| 25 | | state and federal regulatory agencies. It shows that I have testified before the |
| 26 | | public utility commissions of over 40 states, including Arizona, and I have |

- appeared before all federal agencies that regulate telecommunications, utilities, transportation and postal services.
 - Q. FOR WHOM ARE YOU APPEARING IN THIS PROCEEDING?
- I am appearing on behalf of the consumer interests of the Department of Defense ("DoD") and all other Federal Executive Agencies ("FEA") in Arizona.

6

3

INTERESTS OF DoD/FEA

8

9

7

Q. WHY HAS DoD/FEA INTERVENED IN THIS CASE?

10

The Department of Defense and all other Federal Executive Agencies have a 11 A. 12 substantial presence in the State of Arizona. Several major military installations are located in Arizona, including Fort Huachuca, Davis-Monthan Air Force Base, 13 14 Yuma Proving Ground and Luke Air Force Base. In addition, the Federal 15 presence also exists in major facilities such as the Department of Veterans Affairs 16 Medical Centers in Phoenix and Tucson, and Federal Buildings and Courthouses Moreover, in the affected service area there are 17 in Phoenix and Tucson. 18 numerous and widespread small-business sized offices such as Armed Forces 19 recruiters. Post Offices, Social Security offices, as well as offices housing Fish 20 and Wildlife Service, National Parks, USDA Forest Service and Farm 21 Service/Agricultural employees and agents. Federal employment (Civilian and 22 Active Duty Military) in Arizona exceeds 60,000 persons.

2324

25

26

27

This very substantial presence makes DoD/FEA one of the largest users of telecommunications services in the state of Arizona.¹ It is important to DoD/FEA that services in the affected exchanges are provided in an efficient manner, at reasonable cost, and with the highest service quality and performance. DoD/FEA

¹ Although in aggregate DoD/FEA is one of the largest users, it obtains a broad variety of services. Individual customer locations cover a wide range of sizes, employing the full panoply of telecommunications services from single-line business service to complex, multimodal and specially designed networks.

DoD/FEA Exhibit 1 Initial Testimony of Charles W. King is concerned that any change in Qwest's corporate governance be seamless and not degrade retail services, and that CenturyLink be willing and able to offer state-of-the-art retail business services of the nature that DoD/FEA operations require. Moreover, the DoD/FEA interest goes beyond the locations directly affected by the transition. Where possible, DoD and FEA telecommunications services are procured under contract through competitive bidding. The effectiveness of the competitive procurement process is, of course, dependent upon there being a number of financially strong and technically capable entities that can submit bids. If the proposed transfer is approved, it is important to DoD/FEA that CenturyLink's competitors have the opportunity to access Federal installations on a fair and reasonable basis through CenturyLink facilities and that CenturyLink be able to render service to Federal locations even outside of its service territories. Moreover, CenturyLink itself must be a sophisticated competitive bidder capable of providing the full range of telecommunications services at reasonable costs to the Federal government.

18 19

20

21

22

23

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

The merged company will also be a wholesale provider of services and facilities to competitive retail telecommunications providers. The service quality performance, the practices, and the operations of that company must support fair and effective competition among carriers in providing services to business customers and the general public in Arizona.

24 25

Unfortunately, the record of recent telecommunications acquisitions has not been encouraging.

27 28

26

PREVIOUS TELECOMMUNICATIONS ACQUISITIONS

2

3

4

1

Q. WHAT PREVIOUS TELECOMMUNICATIONS ACQUISITIONS ARE YOU REFERRING TO?

5

A. I am referring to the three recent major Verizon landline spin-offs to acquiring companies. The first was the acquisition of Verizon's Hawaiian landline assets by The Carlyle Group ("Carlyle"). The second was the purchase of Verizon's northern New England wireline operations by FairPoint Communications ("FairPoint"). The third and most recent was the acquisition of Verizon's non-metropolitan operations in 14 states by Frontier Communications.

12

13 Q. PLEASE DESCRIBE THE HAWAIIAN TELEPHONE TRANSACTION.

14

15

16

17

A. The Hawaiian transaction provides a case study of the difficulties that ill-advised telephone company acquisitions can lead to. It was unsuccessful in almost all respects, resulting in severe service degradation to Hawaiians and in the financial failure of the successor company.

18 19

In 2004, Verizon sought approval to sell its Hawaiian assets to Carlyle, a private 20 equity enterprise. Carlyle created a new entity, Hawaiian Telcom, Inc. ("HT"), to 21 provide the local exchange services previously offered by Hawaiian Telephone. 22 The applicants in that case stated that after the transition HT "will have the 23 financial fitness and ability to fund the continuing operations of Verizon Hawaii 24 through the revenue generated from the existing and proposed operations."2 25 Likewise, the applicants stated that they ". . . acknowledge the importance of 26 ensuring a seamless transition for customers and have conducted a rigorous 27 process to select a world-class systems integrator to replicate the full functionality 28 of the systems currently provided by Verizon." In 2005, the Hawaii Public 29

 3 Id., p. 15.

² Application, Docket No. 04-0140, June 21, 2004, pp. 13-14.

Utilities Commission ("HPUC") approved the transfer subject to numerous conditions.⁴

In its decision approving the sale, the HPUC stated that it would initiate an investigation of HT's service quality approximately six months after HT assumed the back-office operations that Verizon previously provided on a national basis to all of its service territories, including Hawaii. This service quality proceeding, HPUC Docket No. 2006-0400, confirmed that the transition from Verizon was far from seamless or harmless to customers. Although the HPUC has not yet rendered a decision in that proceeding, it is undisputed that for more than a year following the cutover from Verizon's back-office operations, HT was unable to collect data – even manually – as to six service standards for which the HPUC required reports.⁵ Thus, the full extent of the problems associated with the transfer could not even be quantified.

As to the seven service standards for which HT was able to file reports, five dealt with call answering time. HT's ability to answer calls was lacking compared to the experience under Verizon. For example, during the nine months following the cut-over, HT's percent of residential installation and billing office calls answered in 20 seconds ranged from a low of 8.01 percent to a high of 70.37 percent, compared to the objective of 85 percent and Verizon's 2005 percentage of 87.46 percent. Likewise, the answering time achieved for business installation and billing office calls following the cut-over ranged from 12.83 percent to 78.82 percent compared with the objective of 85 percent and Verizon's achieved rate of 88.23 percent. In an effort to repair the damage caused by the non-functioning systems, HT had to replace the contractor working on the transition.

⁴ Docket No. 04-0140, Decision and Order No. 21696, March 16, 2005.

⁵ HT's Post-Hearing Brief, HPUC Docket No. 2006-0400, filed November 9, 2007 at p. 118, fn. 101. The missing reports included crucial data such as the percent of trouble reports cleared within 24 hours, the percent of installation and repair commitments met and customer trouble reports per 100 lines.

⁶ HT's February 15, 2007 Statement of Position, HPUC Docket No 2006-0400, pp. 39-41.

⁷ *Id.*, pp. 74-77.

HT admitted in its pleadings that service suffered as a result of the transition from Verizon and that it created erroneous bills and was unable to handle adequately incoming calls. HT candidly admitted that "... the cutover did unfortunately create some negative impacts on its customers." Finally, HT agreed with the assessment of the Consumer Advocate that its "... retail customers following cutover experienced long waiting times to reach [its] contact center, extremely slow and long transaction processing times, high levels of fall out, long waiting times to repair, missed or delayed installation and repair commitments and billing errors."

The cutover from Verizon's back-office operations also caused significant problems for HT's wholesale customers. One Competitive Local Exchange Carrier ("CLEC"), Time Warner Telecom of Hawaii, L.P. ("TWTC"), summarized the problems as follows:

HT's conversion to its new back office systems was a failure by any measure. Immediately following cutover, virtually none of the wholesale back office systems were functioning. Today, 19 months after cutover, they are still not functioning at the same level as the Verizon systems. Although HT has made significant progress in addressing its issues, those efforts are not complete.

HT violated the Merger Decision and the Stipulation by failing to provide the same or similar functionality for wholesale service as previously provided by Verizon, and by failing to remain on the Verizon systems until HT's new systems were fully tested and operational. These violations significantly harmed TWTC and HT's other customers.¹¹

In summary, the applicants in the Hawaii sale promised a seamless transition to HT's back-office systems, but the record in that case – including HT's own

⁸ *Id.*, pp. 53-57.

⁹ HT's August 31, 2007 Final Position Statement, HPUC Docket No. 2006-0400, p. 21.

¹⁰ *Id.*, p. 7.

¹¹ Time Warner Telecom of Hawaii, L.P., dba Oceanic Communications' Post-hearing Brief, HPUC Docket No. 2006-0400, November 9, 2007, p. 2 (footnote omitted). The text of the brief contains a detailed description of HT's numerous failures in connection with providing wholesale service after acquiring the Verizon exchanges, and the adverse impact that the failures had on Time Warner and its customers. Another CLEC, Pacific LightNet, Inc., filed a Post-hearing Brief asserting that the flawed transfer of operations caused it to incur additional expense to resolve interconnection problems and billing errors.

pleadings -- shows that both wholesale and retail customers suffered significantly from the failure of automated systems, dropped calls, long call answering and holding times, billing errors and costly manual efforts to correct the deficiencies. HT was not able to track repair and installation times, so that data for these critical service quality metrics could not even be assessed in determining the adverse effects of the transition to HT's systems.

On December 1, 2008, HT filed for Chapter 11 bankruptcy protection.¹² The public explanation for the bankruptcy was the impending inability to refinance its debt, but the costs and lost customers resulting from HT's poor service quality probably contributed to the Company's inability to service its debt.

Q. PLEASE DESCRIBE VERIZON'S SALE OF NEW ENGLAND OPERATIONS TO FAIRPOINT.

A

At the beginning of 2007, FairPoint was an incumbent local exchange telecommunications company with about 330,000 access lines. In that year, Verizon New England, Inc., FairPoint, and affiliated firms announced a planned \$2.4 billion transaction, similar in some respects to that proposed in Arizona (but smaller in size), under which FairPoint would obtain Verizon's landline businesses in Maine, New Hampshire and Vermont.

The proposed transaction was controversial and the implementation of the sale was seriously flawed. In Vermont, for example, the Public Service Board initially denied the application. The petitioners submitted a revised proposal in which they improved the transaction from the standpoint of ratepayers in several ways. The revised proposal bettered FairPoint's financial standing after the acquisition by substantially reducing the initial debt and decreasing dividends. In addition, the proposal was revised to include a Performance Enhancement Plan, which was

¹² See Hawaiian Telcom Communications, Inc., Securities and Exchange Commission Form 8-K filed December 1, 2008, and HT's December 1, 2008 Press Release contained in that filing.

designed to prompt more investment and improve service quality by mandating that FairPoint set aside funds if it failed to meet certain specified service standards. Also, FairPoint agreed to an independent monitor of the transition from Verizon's systems to its own, with the objective of making the transition more seamless and further safeguarding consumers.¹³

6

7

8

9

10

11

12

1

2

3

4

5

The Vermont Public Service Board approved the transfer with additional conditions on February 15, 2008.¹⁴ Following the transaction, there began a series of "cutover" problems that are still not fully resolved. Indeed, service deteriorated to the extent that the Board called for an investigation into whether the Company should be allowed to continue its operations in the state if it cannot overcome its customer service, billing and operational problems.¹⁵

On October 26, 2009, FairPoint announced that it had filed for Chapter 11 bankruptcy protection. 16

15 Q. HAVE THERE BEEN SERVICE PROBLEMS WITH THE SALE OF VERIZON'S EXCHANGES TO FRONTIER COMMUNICATIONS?

On May 13, 2009, Frontier Communications and Verizon entered into an 17 A. Agreement and Plan of Merger (the "Merger Agreement") under which Frontier, 18 through the acquisition of stock, would acquire approximately 4.8 million access 19 lines owned by subsidiaries of Verizon in Arizona, Idaho, Illinois, Indiana, 20 Michigan, Nevada, North Carolina, Ohio, Oregon, South Carolina, Washington, 21 Wisconsin and West Virginia as well as a small number of access lines in 22 23 California bordering Arizona, Nevada and Oregon. The sale was consummated in 24 the spring of 2010 and is so recent that it cannot yet be determined whether this

¹⁴ Id.

¹³ Vermont Public Service Board Docket No. 7270, Order entered February 15, 2008.

¹⁵ Vermont Docket No. 7270 Information Page at http://www.state.vt.us/psb/document/. This testimony has focused on Vermont, but the problems exist in the other states as well. For example, on July 29, 2009, the *Bangor Daily News* reported that the Maine Public Utilities Commission refused to waive the financial penalties that FairPoint had incurred for poor service performance.

¹⁶ FairPoint Form 8-K, filed with the Securities and Exchange Commission, October 26, 2009.

transition will be more successful than the two previous transactions, but there are already disturbing indications.

On July 21, 2010, FiberNet, a competitive local exchange carrier, filed a Petition to Reopen the Frontier/Verizon authorization proceeding in West Virginia. FiberNet cited a number of problems it allegedly experienced when attempting to order wholesale services through Frontier's operational support systems (OSS). FiberNet asserted that the various problems have created delays in providing service to FiberNet customers and increased costs for FiberNet. FiberNet requested that the Commission reopen this matter and direct Frontier to provide an OSS that is functionally equivalent to the system previously provided by Verizon. The West Virginia Public Service Commission has established a complaint proceeding to deal with FiberNet's alleged problems. TooD/FEA Exhibit 2 is a copy of the Commission's Order. It remains to be seen whether the difficulties experienced by FiberNet are discrete to that company or are part of a wider deterioration in service.

Additionally, it appears that the very favorable cost-benefit ratios claimed by Frontier may have begun to unravel. Frontier and Verizon had stated that Frontier expected the fully implemented transaction would yield annual operating expense savings of \$500 million.¹⁸ Recently, however, Frontier revealed a significant increase in systems integration costs that cuts into the previously heralded savings:

While we anticipate that certain expenses will be incurred, such expenses are difficult to estimate accurately, and may exceed current estimates. For example, our estimate of expected 2010 capital expenditures related to integration activities has recently increased from \$75 million to \$180 million, attributable in large part to costs to be incurred in connection with third-party software licenses necessary to operate the Spinco business after the closing

¹⁷ West Virginia PSC Order of August 16, 2010 in Case No. 09-0871-T-PC.

¹⁸ Verizon Communications Inc. and Frontier Communications Corp. Application to the Federal Communications Commission, Consolidated Application for Transfer of Control and Assignment of International and Domestic Section 214 Authority, May 28, 2009, Exhibit 1 (Description of the Transaction and Public Interest Statement), p. 3.

of the merger. Accordingly, the benefits from the merger may be offset by costs incurred or delays in integrating the companies. ¹⁹

2 3

4

5

6

7

8

9

10

11

12

14

15

16

17

18 19

20 21

22

23

24 25

26

2728

29

30 31

32

33

34

35

36

37 38

1

Q. WHAT IS THE LESSON FROM THESE PREVIOUS ACQUISITIONS?

A. All of these transactions were described as seamless and of no harm to consumers, much as this transaction in Arizona has been described by CenturyLink and Qwest. Events proved otherwise in each case. In view of this history, this Commission must view with great suspicion the Applicants' statements that there will be no impact on customers from the transfer. Indeed, CenturyLink itself acknowledges the very substantial risks associated with this merger. The following is an excerpt is from CenturyLink's second quarter 2010 SEC Form 10-Q.

13

We expect to incur substantial expenses in connection with completing the Owest merger and integrating Owest's business, networks, systems, technologies, policies procedures of Qwest with ours. There are a large number of systems that must be integrated, including billing, management information, purchasing, accounting and finance, sales, payroll and benefits, fixed asset, lease administration and regulatory compliance. While we have assumed that a certain level of transaction and integration expenses would be incurred, there are a number of factors beyond our control that could affect the total amount or the timing of our integration expenses. Many of the expenses that will be incurred, by their nature, are difficult to estimate accurately at the present time. Moreover, we expect to commence these integration initiatives before we have completed a similar integration of our business with the business of Embarq, acquired in 2009, which could cause both of these integration initiatives to be delayed or rendered more costly or disruptive than would otherwise be the case. Due to these factors, the transaction and integration expenses associated with the Qwest merger could, particularly in the near term, exceed the savings that we expect to achieve from the elimination of duplicative expenses and the realization of economies of scale and cost savings related to the integration of the businesses following the completion of the merger. As a result of these expenses, we expect to take charges against our earnings before and after the completion of the merger.

¹⁹ Frontier Communications, Inc., Form 10-Q, filed May 16, 2010, p. 56.

The charges taken after the merger are expected to be significant, although the aggregate amount and timing of such charges are uncertain at present. Following the Qwest merger, the combined company may be unable to integrate successfully our business and Qwest's business and realize the anticipated benefits of the merger.²⁰

6 7

8

9

1

2

3

4 5

I have attached the full Form 10-Q discussion of merger risks as DoD/FEA Exhibit 3.

10

11

12

I therefore believe it is important that this Commission establish safeguards to ensure that the difficulties that arose in these previous transactions will not be repeated in Arizona.

14

15

13

ASSESSMENT OF THE TRANSACTION

1617

Q. DO YOU OPPOSE THIS TRANSACTION?

18

19 A. Not necessarily. Although I have some reservations which I will discuss, there are 20 a number of features of this transaction that are more promising than those of the 21 previous acquisitions. CenturyLink is a much larger, more experienced and 22 financially healthier company than the Carlyle Group, FairPoint or Frontier. Unlike the previous acquisitions, this transaction is a stock transfer that involves 23 no new debt. So far, the record of CenturyLink's acquisitions has been relatively 24 25 trouble-free. The combined company will display a much stronger balance sheet 26 relative to that of Owest at the present time. With appropriate conditions, I believe 27 the merger may be in the public interest.

2829

Q. WHAT, THEN, IS YOUR CONCERN IN THIS PROCEEDING?

3031

32

A. I am concerned that the transition from Qwest to CenturyLink be as seamless as possible and that there be no rate increases, disruptions, or other service quality

²⁰ CENTURYTEL INC, Form 10-Q, filed August 6, 2010, p. 32. See DoD/FEA Exhibit 3.

losses arising from this transaction. In this testimony, I recommend several conditions that should be imposed on the merged company as part of the approval of the transaction.

These conditions relate to two principal areas of concern to DoD/FEA. The first is the financial stress than may be imposed on the merged company's Arizona operations. The second is the maintenance of adequate service quality in the Arizona exchanges.

FINANCIAL STRESS ON ARIZONA OPERATIONS

Q. WHY ARE YOU CONCERNED ABOUT THE FINANCIAL HEALTH OF THE ARIZONA OPERATIONS?

A. CenturyLink asserts that the merger of its company with Qwest will generate annual synergies of \$625 million.²¹ These synergies are expected to take the form of reduced corporate overheads, network and operational efficiencies, IT support, increased purchasing power, and the combining of the two companies' advertising and marketing programs. As the foregoing excerpt from CenturyLink's Form 10-Q concedes, these synergies are difficult to forecast with precision, and they may not develop as expected.

How many of these synergies will accrue to Arizona is open to question. Certainly, there will be no synergies from combining operations in Arizona because CenturyLink currently has no presence in the state. The Application is emphatic that Qwest will continue to operate exactly as it does now, so that subscribers will see no difference in the services following the transaction relative to the present. If so, then the greatest benefits of the synergies will be found elsewhere, presumably in those states where both CenturyLink and Qwest operate.

²¹ Direct Testimony of Jeff Glover, p.13.

1 2

Whatever the synergies, they come at a substantial cost. The Applicants estimate that there will be one-time operating costs of \$650 to \$850 million to achieve the planned synergies nationwide. On top of that an additional \$150 to \$200 million in capital costs will be required.²² These costs are estimates, and the Company concedes that they could be exceeded, as has happened in all three of the acquisitions discussed earlier in this testimony. Moreover, these costs will be incurred before the benefits of the synergies are felt, so that they represent a net new requirement for funds. Left unstated is where the money for these transition costs will come from.

It is possible that some of the money might come from new bond and stock issues, but there are downsides to these sources of funds. At present, CenturyLink is rated by S&P just above the critical BBB- rating that qualifies its bonds for "investment grade", meaning that fiduciary funds, such as pension and insurance funds, can buy the bonds. Qwest is rated just below that threshold. The combined company will thus be on the cusp of investment grade bond ratings. Any substantial increase in debt would push the company below that important threshold, eliminating a portion of its potential bond market and possibly increasing its interest costs. Additional stock sales would dilute the value of the existing shares, depriving the stockholders of the full promised benefits of the merger. It is therefore likely that the Company will avoid these financing sources if it can find the needed funds elsewhere.

An important source of funds elsewhere will be the company's customers, and that is the source of my concern. As an alternative to bond or stock sales, CenturyLink may look to its local operations, including those in Arizona, to meet the urgent requirement to increase revenue.

²² *Id.*, p. 6, fn. 8.

Moody's Investor Services noted that CenturyLink is committed to an investment grade rating. See Direct Testimony of Jeff Glover, p. 18.

Q. WHERE MIGHT THE MERGED COMPANY FIND ADDITIONAL REVENUE IN ARIZONA?

A.

Where the merged company can find additional revenue is dependent on the extent to which competition limits its ability to increase rates unilaterally. This very issue was recently addressed by the Federal Communications Commission ("FCC") in its response to a request from Qwest for "forbearance" from FCC regulation of certain services in the Phoenix Metropolitan Statistical Area ("MSA"). Qwest had argued that competition was sufficiently strong in the Phoenix area to preclude the possibility of its being able to sustain small but significant unilateral rate increases, which are the indicators of "market power". The FCC rejected Qwest's application, finding that Qwest indeed retained market power, particularly for the "last mile" local loop component of the telecommunications network.²⁴

The FCC assessed the state of competition in both the wholesale and retail market segments in the Phoenix MSA.²⁵ It found that cable companies, such as Comcast, offer substitute telephone service to residential customers, but that wireless service does not provide price-constraining competition.²⁶ Importantly, the FCC summarized its findings for business and wholesale customers as follows:

Under this analysis and based on the data in the record, Qwest fails to demonstrate that there is sufficient competition to ensure that, if we provide the requested relief, Qwest will be unable to raise prices, discriminate unreasonably, or harm consumers. For example, the record reveals that no carrier besides Qwest provides meaningful wholesale services throughout the Phoenix marketplace, and that competitors offering business services

²⁴ In the Matter of Petition of Qwest Corporation for Forbearance Pursuant to 47 U.S.C. §160(c) in the Phoenix, Arizona Metropolitan Statistical Area, WC Docket No. 09-135, *Memorandum Opinion and Order* (FCC 10-113, released June 22, 2010)("*Arizona Forbearance Order*").

²⁵ Although the FCC's findings are limited to the Phoenix MSA, it is unlikely that Qwest has less market power in the other parts of its Arizona service area, given the size and urban nature of the Phoenix MSA compared to its overall service area.

²⁶ Arizona Forbearance Order, para. 57.

largely must rely on inputs purchased from Qwest itself to provide service.²⁷

The FCC's findings provide the basis for evaluating the relative ability of Qwest to extract additional revenue by means of unilateral price increases from its three primary retail markets, residential, small commercial and large "enterprise" commercial.

If, as the FCC finds, wireless is not a price-constraining competitor, then the only effective price competition for residential telephone service must come from the Voice over Internet Protocol ("VoIP") service offered by the cable TV companies and Internet service providers such as Vonage.

A cable company offering VoIP will also provide Internet access. That being the case, Qwest's response is to offer its own "triple play" package of telephone, cable TV and Internet access or even a "quadruple play" package with the addition of wireless service from other providers.²⁸ In light of the fierce competition for these services, it is unlikely that Qwest could sustain significant rate increases either for its residential wireline service or its residential multiservice bundles.

Small business wireline service is another matter. Businesses require fixed telephone access with publicly available number identification. They may use wireless in addition to wireline, and they may use VoIP for long-distance service, but they are still heavily dependent on the conventional telephone, at least for inbound local access. Cable TV companies that offer telephone services over their facilities do not have the same marketing advantage for business users because businesses are usually not interested in broadcast television capabilities at the workplace. Therefore, while Cable TV companies may market to businesses,

²⁷ Id., para. 2. The FCC's detailed findings as to Qwest's market power in the market for enterprise business services are set forth at paras. 87-91 and 99.

²⁸ Neither Owest nor CenturyLink directly offers its own wireless service.

they are somewhat less of a competitive threat than in the residential market. In recent years, Competitive Local Exchange Carriers ("CLECs") provided some competition, but that competition is small and declining. As of June 30, 2009 only 33.5 percent of the land lines in Arizona were handled by competitive carriers, down from 36.8 percent a year earlier.²⁹ Furthermore, as the FCC has noted, these competitors principally use Qwest facilities to access their customers.

From these indications, I suspect that the merged company will probably seek additional revenues from the small business market. That additional revenue is likely to take the form of unilateral rate increases.

The "enterprise" market is the most competitive of the three major segments of wireline telephone market, although the FCC has found that even this market is susceptible to Qwest's control of the "last mile" local loops. Most services in this category are procured through competitive bidding, and the prices paid are generally subject to contract and not publicly disclosed. Even if the prices were publicly identified, they would likely not be comparable to tariff services because so much of enterprise service comes in the form of "bundles" of service elements.

But enterprise service does not exist in a vacuum. The ultimate ceiling on any competitive bid is the price that would be paid if the same services were purchased from the carrier's public tariff. When the published rates increase, that ceiling increases, providing more headroom for the competitors to increase their bids. Thus, even though enterprise customers can solicit competing bids, they still may experience an upward shift in those bids when the published rates for basic business services increase.

²⁹ Federal Communications Commission, "Local Telephone Competition: Status as of June 30, 2009", Table 8.

| 1 | | Based on the foregoing, I believe that basic business services are most susceptible |
|----|----|---|
| 2 | | to unilateral rate increases motivated by the need to raise revenue to implement |
| 3 | | the merger. |
| 4 | | |
| 5 | Q. | IS IT IN THE PUBLIC INTEREST FOR THE MERGED COMPANY TO |
| 6 | | EXTRACT UNILATERAL RATE INCREASES IN THE ARIZONA |
| 7 | | MARKETS TO FUND THE MERGER? |
| 8 | | |
| 9 | A. | No. This transaction is in the public interest only if the public is no worse off |
| 10 | | with the merger than without it. If the merged company increases its rates |
| 11 | | unilaterally to fund the merger, then its customers would have been better off if |
| 12 | | the merger had never taken place. |
| 13 | | |
| 14 | Q. | WHAT IS THE RESOLUTION OF THIS PROBLEM? |
| 15 | | |
| 16 | A. | The resolution is to impose a temporary price cap on basic business services to be |
| 17 | | effective until the synergies of the merger begin to be realized. By then, the need |
| 18 | | for additional revenue to fund the transition, including the direct costs of the |
| 19 | | merger, will have abated. |
| 20 | | |
| 21 | Q. | WHAT BASIC BUSINESS SERVICE PRICES SHOULD BE CAPPED? |
| 22 | | |
| 23 | A. | The basic business service rates that should be capped are single and multiple line |
| 24 | | business rates, PBX and Centrex charges, and the rates for special access services. |
| 25 | | |
| 26 | Q. | HOW LONG SHOULD THIS TEMPORARY PRICE CAP REGIME |
| 27 | | LAST? |
| 28 | | |
| 29 | A. | CenturyLink anticipates that synergies will only be fully recognized over a three |
| 30 | | to five year period following closing of the merger. ³⁰ I therefore recommend that |
| | | |

³⁰ Direct Testimony of Jeff Glover, p. 6.

- there be firm price caps for up to three years after the consummation of the merger. In fairness to the Company, any longer term price cap, such as five years, should be adjusted to an inflation index such as the Gross Domestic Product ("GDP") deflator.
- 5 Q. IS YOUR RECOMMENDATION TO PLACE A LIMITED PRICE CAP ON
 6 BASIC BUSINESS RATES FOLLOWING THE MERGER A DEPARTURE
 7 FROM THE COMMISSION'S CURRENT REGULATORY SCHEME FOR
 8 QWEST?

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

A. The current regulatory scheme for Qwest was established by the Commission in Decision No. 68604 in 2006 when it approved the present Price Cap Plan. That decision divided Owest's retail services into three baskets. Basket 1, consisting of basic residential services, was subject to a hard cap. Basket 2, consisting of basic business services, was subject to increases up to 25 percent annually. remaining retail services in Basket 3 were freed from any price regulation. The business rates which I have proposed to cap are included in Baskets 2 and 3. My recommendation temporarily suspends the pricing flexibility provisions in the Price Cap Plan for only these services. This limited suspension, however, is necessary until the pressure to increase rates on business services to cover the merger-related costs passes. Absent such a suspension of pricing flexibility, business customers such as DoD/FEA cannot conclude that they will suffer no harm as a result of the merger. That is because Qwest has the incentive to use its pricing flexibility to recover integration costs from business customers long before they enjoy savings from the alleged synergies. Clearly, the Commission in 2006 could not have envisioned such a major change in Qwest's corporate status and its financial needs. It is unrealistic to ignore this effect of the merger by allowing Qwest to continue to enjoy its current broad pricing flexibility for business services.

I am not suggesting re-regulation. I am only suggesting a condition of approval that will ensure that end-users of the merged company's services will be no worse

off for the merger having been consummated. As noted earlier, the absence of harm to the public is a necessary requirement to a finding that the transaction is in the public interest. My proposal is for temporary price caps on only a handful of basic services, not a regulation of all rates. It is intended to cover the short period during which the pressure for increased revenue will be most forceful.

SERVICE QUALITY CONCERNS

Q. WHY ARE YOU CONCERNED ABOUT THE SERVICE QUALITY RESULTING FROM THIS TRANSACTION?

A.

As noted earlier in my testimony, several recent large wireline acquisitions have resulted in severe service quality degradation. I am concerned that this pattern not be repeated in Arizona following the acquisition of Qwest by CenturyLink. This concern is amplified by the service quality indicators published by the Federal Communications Commission ("FCC") that are recorded in DoD/FEA Exhibit 4 attached to this testimony. In every case but one, CenturyLink scores no better or worse than Qwest, suggesting that its standards of service are not as high as those of Qwest.

But even within Qwest, Arizona is an outlier. Large and mid-sized local exchange carriers ("LECs") submit the number of trouble reports per month per 100 lines to the FCC on an annual basis under the Automated Reporting Management Information System ("ARMIS"). This statistic includes both initial and repeat troubles on both residence and business lines. For 2009, Qwest experienced an aggregate average of 0.98 trouble reports per 100 lines per month for its 15 study areas. For Arizona, however, Qwest noted 1.31 trouble reports per 100 lines per month, which was the highest of all of the Company's 15 study areas.³¹ The

³¹ "Total Trouble Reports per Month per 100 Lines (Includes Initial and Repeat Trouble Reports) for Large ILEC Study Areas, Business & Residence", 2009, p. 1.

1 ARMIS aggregate CenturyTel and Embarq (now part of CenturyLink) measures are even worse, at 1.56 and 1.65 respectively.³² 2 3 These comparisons do not bode well for the service quality that can be expected 4 5 in Arizona following the transfer of Qwest to CenturyLink ownership. That service quality could decline further, for two reasons. 6 7 8 The first reason has already been noted: the pressure to finance the 9 implementation of the merger. While revenue enhancement may be one source of the funds for the merger implementation, another source could be cost cutting in 10 the form of reduced resources, including capital investment and manpower 11 12 devoted to plant maintenance and customer service. Obviously, this kind of cost 13 cutting would lead to a deterioration of service performance. 14 The other reason for concern is the incompatibility of the Qwest and CenturyLink operating support systems. To achieve the promised synergies, CenturyLink will 15 16 have to integrate its protocols and IT systems with those of Qwest. As noted in the earlier quotation from the Company's 10-Q report (pages 10-11), CenturyLink 17 18 has conceded that this integration could pose severe difficulties. Past experience 19 has demonstrated that these difficulties can result in degraded service 20 performance and excessive costs. THE APPLICANTS STATE EMPHATICALLY THAT QWEST WILL 21 Q. 22 CONTINUE TO OPERATE AS IT DOES NOW, SO WHY ARE YOU 23 **CONCERNED?** While the corporate identity of Qwest may continue,³³ the Applicants' claimed 24 **A**. . 25 network and operational synergies can only be realized through the integration of 26 Owest's management and operations support systems with those of CenturyLink. 27 That means that Qwest or CenturyLink will eventually have to cut all protocols

³³ Direct Testimony of Kristen McMillan, pp. 5-6.

³² "Total Trouble Reports per Month per 100 Lines (Includes Initial and Repeat Trouble Reports) for Mid-Sized ILEC Study Areas, Business & Residence", 2009, p. 5.

over to a common format. As I have noted, in previous cases this cutover has proved to be difficult, costly and highly disruptive to both retail and wholesale customers.

For these reasons, it is important for the Arizona Commission to maintain close surveillance over CenturyLink's service performance. To be a deterrent against service degradation, the Commission should monitor the merged company's service performance and be prepared to react quickly, if need be by imposing sanctions if service quality deteriorates.

Q. ARE THERE CURRENTLY SERVICE QUALITY STANDARDS FOR QWEST?

A.

Yes. Qwest's tariff contains a "Service Quality Plan" that establishes standards for service interruptions, held orders, out-of-service clearances, and business and repair office response times. It also establishes quarterly reporting requirements, construction standards and minimum service availabilities. Importantly, it enforces these standards with bill credits and monetary penalties and offsets for each of these metrics. For example, the 2006 Plan provides that if a Qwest wire center fails to clear at least 50 percent of its out-of-service reports in less than 24 hours, Qwest is penalized \$4,000 per day as long as that condition prevails. This penalty drops to \$2,000 per day if the 24-hour clearances are between 50 and 70 percent, and to \$1,000 if the clearances are between 70 and 80 percent. But if Qwest can clear over 90 percent of its trouble reports in 24 hours, it receives an offset, or credit, of \$1,000 per day to apply against other penalties. This offset increases to \$2,000 for clearances over 90 percent and to \$4,000 if it can clear more than 95 percent of its trouble reports in 24 hours.

The Price Cap Plan of 2006 provided further enhancements to this system of penalties and offsets.

Q. IS THIS SERVICE QUALITY PLAN ADEQUATE FOR PURPOSES OF MAINTAINING HIGH SERVICE QUALITY?

| 1 | | |
|---|---|--|
| ı | | |
| J | Ļ | |

A.

Yes. However, as part of its order approving the merger, the Commission should state explicitly that the current Qwest Service Quality Plan continues to apply to the merged company. With that proviso, I believe the Plan is adequate. However, there are two further enhancements that probably should be made. First, the reporting should be accelerated from quarterly to monthly. The present arrangement builds in a delay of several months between the time the service performance falls below any standard and the time that failure is known to the Commission. The increased frequency of reports would provide the Commission with more current notice of the state of the merged company's service. My recommendation imposes no hardship on the company because it already records the metrics on a monthly basis.

Second, the penalties and offsets should be cleared quarterly instead of annually. The present plan would allow Qwest's service to decline for an entire year before the Company experiences any monetary consequence. A more timely imposition of penalties and offsets would provide the Commission more immediate control and would increase the sense of urgency for the company to address declining service quality if it should occur.

These two recommendations should apply for a period of three to five years to cover the duration of the management and operational integration.

OTHER CONCERNS

Q. DO YOU HAVE ANY OTHER CONCERNS REGARDING THIS MERGER?

29 A. Yes. My concern relates specifically to government services. Included in the "risks" section of CenturyLink's second quarter 2010 SEC Form 10-Q is the following statement:

| 1 2 3 4 5 6 7 8 9 | | We may be unable to obtain security clearances necessary to perform certain Qwest government contracts. Certain Qwest legal entities and officers have security clearances required for Qwest's performance of customer contracts with various government entities. Following the merger, it may be necessary for us to obtain comparable security clearances. If we or our officers are unable to qualify for such security clearances, we may not be able to continue to perform such contracts. ³⁴ |
|---|-----|--|
| 10 | Q. | IS THERE ANYTHING THE COMMISSION CAN DO TO ADDRESS |
| 11 | | THIS CONCERN? |
| 12 | | |
| 13 | A. | The issue of security clearances is a possible negative factor associated with the |
| 14 | | merger over which the Commission has little control. Possibly the Commission |
| 15 | | could require that as a condition of approval there be no personnel changes that |
| 16 | | would jeopardize government contracts until all of the affected personnel have the |
| 17 | | required clearances. |
| 18 | | |
| 19 | SUM | IMARY OF RECOMMENDATIONS |
| 20 | | |
| 21 | Q. | PLEASE SUMMARIZE YOUR RECOMMENDATIONS. |
| 22 | | |
| 23 | A. | In this testimony, I have recommended that, as conditions of approval of the |
| 24 | | merger: |
| 25 | | |
| 26 | | • The Commission impose either a firm three year cap, or a five year |
| 2728 | | inflation-adjusted cap, on single and multiple-line business rates, PBX and Centrex rates, and the rates for special access service. |
| 26 29 | | Centrex rates, and the rates for special access service. |
| 30 | | • The Commission extend Qwest's Service Quality Plan to the new |
| 31 | | company. |
| 32 | | The reporting under the Service Quality Plan be accelerated from quarterly |
| 33 34 | | to monthly. |
| 35 | | |
| 36 | | • The clearing of penalties and offsets should occur quarterly rather than |
| 37 | | annually. |

³⁴ CENTURYTEL INC, Form 10-Q, filed August 6, 2010, p. 34. See DoD/FEA Exhibit 3.

1 2

3

Q. DOES THIS COMPLETE YOUR TESTIMONY?

4 Yes. It does, although I should note that there are some aspects of this transaction A. 5 that I have not addressed. These include such issues as the likelihood of cost savings from the transaction, the quality and extent of the merged company's 6 broadband services, the extent to which past obligations will affect the new entity, 7 8 and the wholesale market policies and the interfaces between the Company and its CLEC competitors. My silence on such issues does not mean that they are not 9 important to DoD/FEA or that DoD/FEA will not address them later in this 10 proceeding. 35 11

³⁵ I should also note that the discovery process is not completed. It is possible that further responses may require supplemental testimony.

Experience

Snavely King Majoros O'Connor & Lee, Inc. Washington, DC

President (1989 to Present) Vice President (1970 - 1989)

Mr. King, a founder of the firm and acknowledged authority on regulatory economics, brings over thirty years of experience in economic consulting to his direction of the firm's work in transportation, utility and telecommunications economics.

Mr. King has appeared as an expert witness on over 300 separate occasions before more than thirty state and nine U.S. and Canadian federal regulatory agencies, presenting testimony on rate base calculations, rate of return, rate design, costing methodology, depreciation market forecasting, and ratemaking principles. Mr. King has also testified before House and Senate Committees on energy and telecommunications legislation pending before the U.S. Congress.

In telecommunications, Mr. King has testified before the Federal Communications Commission on a number of policy issues, service authorization, competitive impacts, video dialtone, and prescription of interstate depreciation rates. Before state regulatory bodies, he has presented testimony in proceedings on intrastate rates, costs earnings and depreciation.

Mr. King has testified in electric, gas and water utility cases on virtually every aspect of regulation, including cost of capital, revenue requirements, depreciation, cost allocation and rate design. Mr. King is one of the nation's leading authorities on utility depreciation practices, having testified on this subject in several dozen cases before state regulatory bodies.

In addition to his appearances as a witness in judicial and administrative proceedings, Mr. King has negotiated settlements among private parties and between private parties and regulatory offices. Mr. King also has directed depreciation studies, investment cost benefit analyses, demand forecasts, cost allocation studies and antitrust damage calculations. Mr. King directed analyses of the prices of services under Federal Government's FTS2000 long distance system.

In Canada, Mr. King designed and directed an extended inquiry into the principles and procedures for regulating the telecommunication carriers subject to the jurisdiction of the Canadian Transport Commission. He also was the principal investigator in the Canadian Transport Commission's comprehensive review of rail costing procedures.

EBS Management Consultants, Inc., Washington, DC

Director, Economic Development Department (1968-1970)

Mr. King organized and directed a five-person staff of economists performing research, evaluation, and planning relating to economic development of depressed areas and communities within the U.S. Most of this work was on behalf of federal, state, and municipal agencies responsible for community or regional economic development.

Principal Consultant (1966-1968)

Mr. King conducted research on a broad range of economic topics, including transportation, regional economic development, communications, and physical distribution.

W.B. Saunders & Company, Inc., Washington, DC

Staff Economist (1962-1966)

For this economic consulting firm, which later merged with EBS Management Consultants, Inc., Mr. King engaged in numerous research efforts relating primarily to economic development and transportation.

U.S. Bureau of the Budget, Office of Statistical Standards

Analytical Statistician (1961-1962)

Mr. King was responsible for the review of all federal statistical and data-gathering programs relating to transportation.

Education

Washington & Lee University, B.A. in Economics

The George Washington University, M.A. in Government Economic Policy

CHARLES W. KING
Snavely King Majoros O'Connor & Lee, Inc.
1111 14th Street, N.W. Suite 300
Washington, D.C. 20005
(202) 371-1111

| | Electric, Gas, | Electric, Gas, Water Utility Cases | | |
|-------|--|---|---|---|
| State | Client | | Case | Date |
| | | Case Number | Utility | |
| AK | Exxon USA | P-89-1,2 | Trans Alaska Pipeline System | October 18, 1990 |
| AZ | Arizona Corporation Commission Arizona Retailers Association | U-1345-I U-1345-II | Arizona Public Service Co. Arizona Public Service Co. | December 16, 1980 January 15, 1981 |
| Š | California Retailers Association California Retailers Association California Retailers Association California Retailers & California Manufacturers California Retailers Association | 57666 57602 59351 59351 61138 | Pacific Gas & Electric Co. Southern California Edison Pacific Gas & Electric Co. Southern California Edison Southern California Edison | March 6, 1978 April 25, 1978 June 12, 1981 May 20, 1982 May 28, 1982 |
| 8 | U. S. Department of Defense J.C. Penney Company U.S. Department of Defense U. S. Department of Defense U.S. Department of Defense U.S. Department of Defense U.S. Department of Defense U.S. Department of Defense | I&S 1100 5693 I&S 1339 I&S 1540 C. Council C. Council C. Council | Colorado Springs (Elec) All Electric Utilities Colorado Springs DPU (Gas) Colorado Springs DPU (Gas) Colorado Springs DPU (Gas) Colorado Springs DPU (Elec) Colorado Springs DPU (Elec) Colorado Springs DPU (Elec) | June 14, 1977 March 8, 1978 October 18, 1979 February 9, 1982 September 30, 1984 June 6, 1985 May 19, 1986 June 30, 1987 |
| СŢ | Retailers Merchants Association Division of Consumer Counsel Public Utilities Control Auto Division of Consumer Counsel Division of Consumer Counsel Division of Consumer Counsel Division of Consumer Counsel Coalition of Hotels, Alloys & Retailers Coalition of Hotels, Alloys & Retailers | 72-0204 76-0604,5 78-0303 80-0403,4 81-0413 81-0602,4 82-0701 85-10-22 87-07-01 | Various Electric Utilities CL&P and HELCO Bridgeport Hydraulic Co. CL&P and HELCO United Illuminating Company CL&P and HELCO CL&P CL&P | July 22, 1976 November 10, 1977 (none) August 11, 1980 July 20, 1981 October 5, 1981 September 28, 1982 (none) April 25, 1988 |

| | Electric | Electric, Gas, Water Utility Cases | | |
|-------|---|--|--|--|
| State | Client | | Case | Date |
| | | Case Number | Utility | |
| 2 | D.C. People's Counsel Washington Metro Area Transit Authority D.C. People's Counsel Washington Metro Area Transit Authority D.C. People's Counsel | 685 715 725 737 748 758 758 758 759 905 905 917 917 922 929 939 917 945 945 945 | Potomac Electric Power Company Washington Gas Light Company Potomac Electric Power Company Washington Gas Light Company Washington Gas Light Company Washington Gas Light Company Washington Gas Light Company | March 6, 1978 (none) April 4, 1980 January 1, 1981 June 26, 1981 December 15, 1981 September 21, 1982 March 29, 1984 June 10, 1985 August 20, 1991 May 7, 1992 May 7, 1992 May 7, 1992 May 7, 1992 September 24, 1992 June 15, 1993 December 16, 1995 Filed April 22, 1994 March 16, 1995 February 20, 1997 September 29, 1999 June 27, 2001 May 22, 2002 September 23, 2003 June 27, 2007 |
| DE | Delaware PSC Staff Delaware PSC Staff Delaware PSC Staff | 94-164 94-149 04-152 | Artesian Water Company Wilmington Suburban Water Company Tidewater Utilities Company | Filed March 10, 1995 March 10, 1995 Filed July 26, 2004 |
| 딮 | Florida Retail Federation Florida Retail Federation Florida Retail Federation Florida Retail Federation Florida Retail Federation Florida Retail Federation | 790593-EU 810002-EU 820097-EU 820097-EU 830465-EI 830465-EI | All Electric Utilities Florida Power and Light Company Florida Power and Light Company Florida Power and Light Company Tampa Electric Company Florida Power and Light Company Florida Electric Company Tampa Electric Company | March 5, 1981 July 23, 1981 September 22, 1982 April 11, 1983 August 19, 1983 April 19, 1984 (none) |

| | Electric, Gas | Electric, Gas, Water Utility Cases | | |
|-------|---|--|---|---|
| State | Client | | Case | Date |
| | | Case Number | Utility | |
| 8 | Georgia Retail Federation Georgia Public Service Commission | 3270-U 4007-U 4384-U 4755-U 4697-U 9355-U 14618-U 14311-U 17066-U 18300-U 18638-U 19758-U 20298-U 25060-U | Georgia Power Company Georgia Power Company All Electric Utilities Georgia Power Company All Utilities Georgia Power Company Georgia Power Company Savannah Electric & Power Company Atlanta Gas Light Company Georgia Power Company Atlanta Gas Light Company Atlanta Gas Light Company Atlanta Gas Light Company Atlanta Gas Light Company Georgia Power Company Atlanta Gas Light Company Atlanta Gas Light Company Georgia Power Company Atmos Energy Corp. | September 3, 1981 August 21, 1991 August 1, 1993 January 25, 1994 May 10, 1994 November 4, 1998 October 23, 2001 March 27, 2002 April 8, 2002 July 31, 2003 October 26, 2004 March 14, 2005 Gotober 11, 2005 Filed October 11, 2005 August 16, 2008 |
| 豆 | Public Utilities Department Hawaii Consumer Advocate | 2793 4536 | All Efectric Utilities Hawaiian Electric Company | February 14, 1978 February 1, 1983 |
| 11 | Illinois Retail Merchants Association ("IRMA"/ Chicago Bldg. Mgrs. Association ("CBMA") IRMA/CBMA IRMA/CBMA IRMA/CBMA IRMA/CBMA IRMA/CBMA City of O'Fallon, IL | 76-0698 76-0568 80-0546 82-0026 83-0537 87-0427 90-0169 02-0690 | Commonwealth Edison All Electric Utilities Commonwealth Edison Commonwealth Edison Commonwealth Edison Commonwealth Edison Commonwealth Edison Commonwealth Edison | June 22, 1977 (none) March 5, 1981 July 22, 1982 March/April 22, 1988 October 29, 1990 Filed Feb.5, Apr.11,2003 |
| Z | Indiana Retail Council Indiana Retail Council Indiana Retail Council | 35780-S2 35780-S1 36318 | N. Ind. Public Service co. Public Service of Indiana Public Service of Indiana | June 1, 1980 October 15, 1980 May 4, 1982 |
| KS KS | J.C. Penney Company | 115,379-U | All Kansas Utilities | January 22, 1981 |

| | Electric, Gas. | Electric, Gas, Water Utility Cases | | |
|-------|--|------------------------------------|--|------------------------------|
| State | Client | | Case | Date |
| | | Case Number | Utility | |
| _ | Seven Kentucky Retailers | 7310 | Louisville Gas & Electric Co. | April 25, 1979 |
| _ | Attorney General of Kentucky | 2002-145 | Columbia Gas of Kentucky | Filed August 8, 2002 |
| | Attorney General of Kentucky | 2003-252 | Union Heat Light & Power Co. | September 30, 2003 |
| ≩ | Attorney General of Kentucky | 2004-67 | Delta Gas Company | August 18, 2004 |
| | Attorney General of Kentucky | 2006-00646 | Atmos Energy Corp. | Filed April 27, 2007 |
| | Attorney General of Kentucky | 2007-00008 | Columbia Gas of Kentucky | Filed June 12, 2007 |
| | Attorney General of Kentucky | 2007-00089 | Delta Gas Company | Filed August 14, 2007 |
| | Coalition of Municipalities | 20279 | Western Massachusetts Electric | March 19, 1980 |
| | Coalition of Municipalities | 557/558 | Western Massachusetts Electric | May 14, 1981 |
| ¥ | Coalition of Municipalities | 957 | Western Massachusetts Electric | March 9, 1982 |
| | Coalition of Municipalities | 1300 | Western Massachusetts Electric | January 1, 1983 |
| | Coalition of Municipalities | 85-270 | Western Massachusetts Electric | March 26, 1986 |
| | Maryland People's Counsel | 6977 | Washington Gas & Light Company | September 17, 1976 |
| | Maryland People's Counsel | 6814 | Potomac Flectric Power Company | |
| | Maryland People's Coursel | 6807 | All Electric Hilities | Sentember 1 1077 |
| | Maryland People's Counsel | 6882 | Baltimore Gas & Electric Company | (none) |
| | Maryland People's Counsel | 6985 | Baltimore Gas & Electric Company | September 28, 1976 |
| | Maryland People's Counsel | 7070 | Baltimore Gas & Electric Company | December 20, 1976 |
| | Maryland People's Counsel | 7149 | Potomac Electric Power Company | April 18, 1978 |
| | Maryland People's Counsel | 7163 | All Efectric Utilities | January 17, 1979 |
| | Maryland People's Counsel | 7236 | Delmarva Power & Light Company | October 23, 1978 |
| | Retail Merchants of Baltimore | 7397 | Baltimore Gas & Electric Company | June 20, 1980 |
| ₹ | Maryland People's Counsel | 7427 | Delmarva Power & Light Company | September 8, 1980 |
| | Maryland People's Counsel | 7574 | Baltimore Gas & Electric Company | December 2, 1981 |
| | Maryland People's Counsel | 7597 | Potomac Electric Power Company | February 18, 1982 |
| | Organization of Consumer Justice Maryland Papple's Coupsel | 7588 | Potomac Electric Power Company Rattimore Cae & Flentin Company | April 20, 1982 |
| | Maryland People's Counsel | 7663 | Potomac Electric Power Company | November 22 1982 |
| | Retail Merchants of Baltimore | 7685 | Baltimore Gas & Electric Company | April 12, 1983 |
| | Genstar Stone Products, et al. | 7878 | Potomac Electric Power Company | December 9, 1985 |
| | Industrial Intervenors | 7878 | Potomac Electric Power Company | June 28/July 1986 |
| | Maryland People's Counsel | 7983 | Baltimore Gas & Electric Company | March 4, 1987 |
| | Giant Foods, Inc. | 8855 | Baltimore Gas & Electric Company | January 8, 2003 |
| | Maryland People's Counsel | 9036 | Baltimore Gas & Electric Company | September 29, 2005 |
| | Maryland People's Counsel | 9092 | Potomac Electric Power Company | April 16, 2007 |
| | Maryland People's Counsel | 5606 | Delmarva Power & Light Company | April 9, 2007 |
| | Maryland People's Counsel | 9104 9006 | Washington Gas & Light Company | August 23, 2007 |
| | Monday Decolor Courses | 9030 | Mostington Co. 1 into Company | September 24, 2007 |
| | Maryland People's Course! | 9159 | Washington Gas & Light Company Columbia Gas Company | med December Z1, Z007 |
| | Maryland People's Counsel | 9192 | Delmarva Power & Light Company | Sentember 25, 2009 |
| | Maryland People's Counsel | 9217 | Potomac Electric Power Company | April 8 April 30 May 7, 2010 |
| | | | | |

| | Electric, Gas | Electric, Gas, Water Utility Cases | | |
|-------|---|---|--|---|
| State | Client | | Case | Date |
| | | Case Number | Ayılısı | |
| Σ | General Services Administration Michigan Attorney General | U-10102 U-11722 U-11495 U-11495 U-12639 U-13000 U-13000 U-13380 U-13380 U-13380 U-13380 U-14201 U-14201 U-14202 U-14202 U-14204 U-14501 U-15002 U-15002-R U-15002-R U-15002-R | Detroit Edison Company Consumers Energy/Detroit Edison Detroit Edison Company Consumers Energy/Detroit Edison Consumers Energy/Detroit Edison Consumers Energy/Detroit Edison Consumers Energy/Detroit Edison Consumers Energy Company Consumers Energy Company Consumers Energy Company Detroit Edison Company Detroit Edison Company Michigan Consolidated Gas Co. Detroit Edison Company Michigan Consolidated Gas Co. Detroit Edison Company Detroit Edison Company All Michigan Utilities Detroit Edison Company Consumers Energy Company Consumers Energy Company All Michigan Utilities Detroit Edison Company Consumers Energy Company Detroit Edison Company Consumers Energy Company Detroit Edison Company Detroit Edison Company Consumers Energy Company Detroit Edison Company Consumers Energy Company Detroit Edison Company Consumers Energy Company Detroit Edison Company Detroit Edison Company Consumers Energy Company Detroit Edison Company Detroit Edison Company Consumers Energy Company Detroit Edison Company | March 22, 1993 March 22, 1993 November 6, 1998 November 16, 1998 December 8, 1999 December 15, 1999 September 7, 2000 October 5, 2000 July 18, 2001 January 29, 2002 September 9, 2002 April 24, 2003 Dec 12, 2003, Jan 30, Mar 5, 04 March 10, 2004 August 23, 2004 Filed December 5, 2005 July 29, 2005 September 7, 2005 September 7, 2005 November 7, 2005 November 7, 2006 April 11, 2006 April 11, 2006 December 8, 2006 December 11, 2007 April 2, 2008 July 15, 2008 July 30, 2009 July 9, July 30, 2009 July 9, July 30, 2009 Dec 22, 2009; Jan 22, 2010 |
| M | Minnesota Retail Federation | E002/6R-77-611 | Northern States Power | 1979 |
| МО | Missouri Retailers Association Missouri Public Counsel Missouri Public Counsel Missouri Public Counsel | EO-78-161 ER-2006-0315 GR-2007-0003 ER-2007-0002 | Kansas City Power & Light Company Empire District Electric Company Ameren UE (Gas) Ameren UE (Electric) | February 19, 1981 September 14, 2006 Filed December 15, 2006 March 22, 2007 |
| NC | North Carolina Merchants Association | E-100 | All Electric Utilities | December 18, 1975 |

CHARLES W. KING Appearances before State Regulatory Agencies

| | Electric, Gas | Electric, Gas, Water Utility Cases | | |
|-------|--|---|---|--|
| State | Client | | Case | Date |
| | | Case Number | Utility | |
| S . | North Dakota Public Service Commission | PU-400-00-521 PU-399-01-186 PU-399-02-183 PU-399-03-296 PU-04-97 PU-06-525 PU-07-776 PU-08-862 | Xœl Energy, Inc. Montana-Dakota Utilities (Electric) Montana-Dakota Utilities (Gas) Montana-Dakota Utilities (Gas Depr.) Montana-Dakota Utilities (Electric) Montana-Dakota Utilities (Electric) Northern States Power (Gas) Northern States Power (Gas) Otter Tail Power Company | April 20, 2001 February 25, 2002 October 7, 2002 Filed April 7, 2003 Filed October 15, 2003 Filed July 6, 2004 Filed May 1, 2007 June 25, 2008 April 6, 2009 |
| 포 | Business & Industry Association of N.H. | 79-187-II | Public Service of N.H. | February 6, 1981 |
| | Business & Industry Association of N.H. | 80-260 | Public Service of N.H. | February 5, 1981 |
| | Business & Industry Association of N.H. | 82-333 | Public Service of N.H. | November 2, 1983 |
| ĈV. | N.J. Retail Merchants Association | 803-151 | All New Jersey Utilities | March 31, 1981 |
| | Department of Public Advocate | 815-459 | N.J. Natural Gas Company | (none) |
| | Resorts International Hotel, Inc. | 8011-827 | Atlantic City Sewerage Co. | (none) |
| | Dept. of Public Advocate | 822-116 | Atlantic City Electric Co. | August 11, 1982 |
| | Dept. of Public Advocate | 355-87 | Elizabethtown Gas | June 9, 1987 |
| | Dover Township Fire Chiefs | 88-080967 | Torn's River Water Company | February 22, 1989 |
| ķ | NY Council of Retail Merchants | 26806 | All Electric Utilities | February 3. 1976 |
| | Metropolitan N.Y. Retail Council | 27029 | Consolidated Edison Company | (none) |
| | Metropolitan N.Y. Retail Council | 27136 | Long Island Lighting Company | July 1, 1977 |
| | N.Y. Metro. Transit Authority | 27353 | Consolidated Edison Company | September 5, 1980 |
| 용 | Ohio Council of Retail Association | 88-170-EL | Cleveland Elec. Illuminating | (none) |
| | Ohio Council of Retail Association | 83-1529-EL | Cincinnati Gas & Electric | February 15, 1992 |
| | Ohio Energy Group | 08-936-EL-SSO | FirstEnergy Companies | Filed September 25, 2008 |

CHARLES W. KING Appearances before State Regulatory Agencies

| | Electric, Ga | Electric, Gas, Water Utility Cases | | |
|-------|---|--|--|--|
| State | Client | | Case | Date |
| | | Case Number | Aillitu | |
| Ą | Pennsylvania Retail Association Southeastern Pa. Transp. Authority Eastern Penn Energy Users Group Eastern Penn Energy Association Penn Business Utility User Group Pennsylvania Office of Consumer Advocate | 76-PRMD-7 R-811626 R-822169 R-842651 R-850152 R-00016339 R-2008-203269 | All Electric Utilities Philadelphia Electric Company Penn. Power & Light Company Penn. Power & Light Company Philadelphia Electric Company Pennsylvania-American Water Co. Pennsylvania-American Water Co. | September 7, 1977 December 11, 1981 March/April 1983 December 3, 1984 February 19, 1986 September 19, 2001 August 6, 2008; Sept.15, 2008 |
| Σ | Attorney General of Tennessee Attorney General of Tennessee | 07-00105 08-00039 | Atmos Energy Corp. Tennessee-American Water Co. | Filed August 21, 2007 August 26, 2007 |
| Ϋ́ | Houston Retailers Association Houston Retailers Association Cities for Fair Utility Rates | 5779 6765 8425/8431 | Houston Lighting Company Houston Lighting Company Houston Lighting Company | October 19, 1984 September 25, 1986 April 25, 1989 |
| 5 | Div. Of Public Utilities Dept of Commerce Div. Of Public Utilities Dept of Commerce Div. Of Public Utilities Dept of Commerce | 98-2035-33 05-057-T01 07-035-13 | Pacific Corp Questar Gas Company Rocky Mountain Power Co. | Filed August 16, Sept 22, 1999 May 17, 2006 Filed October 15, 2007 |
| ۸۸ | Consumer Congress of Virginia Consumer Congress of Virginia Va. Business Committee on Energy Virginia Pipe Trades Council | 19426 19960 PUE 7900012 PUE 8900051 | Virginia Electric Power Company Virginia Electric Power Company Virginia Electric Power Company Old Dominion Electric Corp. & | July 1, 1975 September 19, 1978 February 25, 1981 October 31, 1989 |
| WA | WA Attorney General - Public Counsel WA Attorney General - Public Counsel WA Attorney General - Public Counsel | UE-072300;UG-072301 Puget Sound Energy UE-080220 PacifiCorp UE-08416;UG-08417 Avista Utilities | Puget Sound Energy PacifiCorp Avista Utilities | Filed May 30, 2008 Filed August 15, 2008 September 19;October 10, 2008 |
| M | Wisconsin Merchants Federation | 6630-ER-2 | Wisconsin Electric Power Company | May 15, 1978 |
| | | | | |

| | Telecomir | Telecommunications Cases | | |
|----------|---|---|---|--|
| State | Client | | Case | Date |
| | | Case Number | Utility | |
| ٩٢ | U.S. Department of Defense | 24472 | All Telephone Companies | June 14, 1995 |
| AK | GCI Communications, Inc. GCI Communications, Inc. | U-97-82,U-97-143 U-05-46 | Alaska Communications Systems Matanuska Telephone Association | Filed Feb 25, April 5, 2004 October 28, 2005 |
| AZ | Arizona Burglar & Fire Alarm Association Arizona Burglar & Fire Alarm Association Federal Executive Agencies U.S. Department of Defense | 9981-E- 1051-80-64 E-1051-88-146 T-01051B-99-0105 | Mountain State Telephone Mountain State Telephone Mountain State Telephone US WEST Communications | (none) (none) Filed July 26, Sept 8, 2000 |
| ₹ | Western Burglar & Fire Alarm Association California Cellular Resellers Federal Executive Agencies Cellular Services, Inc. Federal Executive Agencies | 59849 5984cont. A83-01-22 A83-02-02 A82-11-07 A85-01-034 A87-01-02 A88-07-17019 A.88-11-1040 1.87-11-033 1.88-11-040 1.88-11-040 A92-05-004 | Pacific Telephone & Telegraph Pacific Telephone & Telegraph Pacific Telephone & Telegraph General Telephone & Telegraph Pacific Telephone & Telegraph Pacific Telephone & Telegraph General Telephone & Telegraph General Telephone of California Pac. Bell Tel. & GTE of CA. All Cellular Carriers All Cellular Carriers All Cellular Carriers Pacific Telephone & Telegraph | March 25, 1981 June 23, 1982 June 29, 1983 January 17, 1984 Jan. 18, Oct. 31, Nov 28, 1986 October 22, 1987 January 23, 1989 August 11, 1989 March 6-7, 1991 October 3, 1991 June 9, 1993 |
| 8 | U.S. Department of Defense U.S. Department of Defense U.S. Department of Defense U.S. Department of Defense Colorado Municipal League U.S. Department of Defense | I&S 717 I&S 1700 Appl. I&S 1766 Appl 36883 I&S 891-082T 905-544T 90A-665T 92M-039T 92S-229T 96S-331T | Mountain Bell Telephone Company U.S. West Communications | 1972 (none) September 18, 1986 November 28, 1988 December 13, 1988 February 21, 1990 July 17, 1991 Cotober 23, 1991 February 24-24, 1992 July 30-31, 1992 November 6, 1996 |

| | Telecomm | Telecommunications Cases | | |
|-------|---|---|--|---|
| State | Client | | Case | Date |
| | | Case Number | Utility | |
| CI | Connecticut Consumer Counsel CT Cellular Resellers Assn. CT Cellular Resellers Coalition AT&T Connecticut Consumer Counsel | 770526 89-12-05 94-03-27 AT&T/SNET Arbitration 96-04-07 00-07-17 | 770526 Southern New England Telephone Co November 10, 1977 89-12-05 Southern New England Telephone Co (none) 89-12-05 Springwich Cellular/Bell Atlantic May 16, June, 1994 AT&T/SNET Arbitration Southern New England Telephone Co Filed October 28, 16 Southern New England Telephone Co February 10, 1998 00-07-17 Southern New England Telephone Co | November 10, 1977 (none) May 16, June, 1994 Filed October 28, 1996 February 10,1998 December 5, 2000 |
| 20 | D.C. People's Counsel D.C. People's Counsel General Services Administration General Services Administration General Services Administration General Services Administration | 729 798 827 854 850 926 | Chesapeake & Potomac Tel. Co. Chesapeake & Potomac Tel. Co. | May 13, 1980 July 18, 1983 May 7, 1985 April 16, 1987 October 7, 1991 October 7, 1993 |
| DE | Public Service Commission Federal Executive Agencies Public Service Commission | Depr.Repre 86-20 Depr.Repre | Diamond State Telephone Co. Diamond State Telephone Co. Diamond State Telephone Co. | April 1, 1985 July 31, 1987 March 8, 1988 |
| FL | GTE Sprint Communications Company Office of Public Counsel Federal Executive Agencies Federal Executive Agencies Federal Executive Agencies | 720536-TP Depr.Repre 880069-TL 880069-TL 880069-TL | All Telephone Companies Southern Bell Southern Bell Southern Bell Southern Bell | September 12, 1983 July 30, 1986 July 21, 1988 November 30, 1990 February 11, 1992 |
| GA | Georgia Attorney General Federal Executive Agencies Federal Executive Agencies Georgia Public Service Commission | 3893-U 3905-U 3987-U 4018-U | Southern Bell Telephone Co. Southern Bell Telephone Co. Southern Bell Telephone Co. Southern Bell Telephone Co. | January 8, 1990 June 12, 1990 February 13, 1992 Jan 14, Feb 10, 1993 |
| ᇁ | Hawaii Public Utility Commission Four Hawaii Counties Department of Defense Department of Defense Department of Defense Department of Defense Department of Defense | 1871 4588 7579 94-0093 7702 94-0298 | Hawaiian Telephone Company Hawaiian Telephone Company Hawaiian Telephone Company Oceanic Communications All Communications Carriers GTE Hawaiian Telephone Company Verizon-Hawaii | July 8, 1971 December 15, 1983 April 26, 1994 March 13, 1995 June 2, 1995 May 7, 1996 November 15, 2000 |

| | Telecomm | Telecommunications Cases | | |
|-------|---|--|---|--|
| State | Client | | Case | Date |
| | | Case Number | Utility | |
| Q | U.S. Department of Energy | U-1000-63 | Mountain Bell Telephone Co. | May 16, 1983 |
| | U.S. Department of Energy | U-1000-70 | Mountain Bell Telephone Co. | March 6, 1984 |
| F | Illinois Alarm Companies | 79-0143 | Illinois Bell Telephone | September 26, 1979 |
| | Attorney General of Illinois | 81-0478 | Illinois Bell Telephone | December 28, 1981 |
| | GTE Sprint Communications Co. | 83-0142 | All Telephone Companies | August 4, 1983 |
| | Federal Executive Agencies | 89-0033 | Illinois Bell Telephone | June 12, 1989 |
| | Federal Executive Agencies | 09-0268 | Verizon-Frontier Sale | Oct. 20, Dec. 14, 2009 |
| KS | State Corporation Commission | Depr. Repr. | Southwestern Bell | May 12-14, 1986 |
| | Federal Executive Agencies | 166.856-U | Southwestern Bell | November 7, 1989 |
| | Federal Executive Agencies | 190, 492 | All Telephone Companies | November 4, 1994 |
| K | Kentucky Cable Telecommunications Assn. | 2000-414 | Blue Grass Energy Cooperative | January 11, 2001 |
| | Kentucky Cable Telecommunications Assn. | 2000-39 | Cumberland Valley Electric, Inc. | January 11, 2001 |
| MD | Maryland People's Counsel Maryland People's Counsel Maryland People's Counsel Maryland People's Counsel Federal Executive Agencies Federal Executive Agencies | 6813 6881 7025 7467 7851 8106 8274 | C&P Telephone Company | 1975 December 17, 1975 March 15, 1975 October 20, 1981 March 20, 1985 May 9, 1988 August 2, 1990 |
| M | Michigan Attorney General | U-8911 | Michigan Bell Telephone Co. | November 7, 1988 |
| | Michigan Attorney General | U-9553 | AT&T Communications/MCI | December 4, 1990 |
| W | GTE Sprint Communications Co. | 83-102-HC | All Telephone Companies | August 5, 1983 |
| | U.S. Department of Defense | 87-021-BC | Northwest Bell Telephone Co. | (none) |

| | Telecomn | Telecommunications Gases | | |
|----------|--|--|---|--|
| State | Client | | Case | Date |
| | | Case Number | Utility | |
| МО | GTE Sprint Communications Co. Federal Executive Agencies Federal Executive Agencies | TR83-253 TC-89-14 TO-89-56 | Southwestern Bell Tel. Co. Southwestern Bell Tel. Co. Southwestern Bell Tel. Co. | September 5, 1983 (none) November 7, 1990 |
| MS | Federal Executive Agencies | U-5453 | South Central Bell Tel. Co. | May 15, 1990 |
| 2 | Department of Public Advocate | Depr.Repr. 815-458 Depr.Repr. Depr.Repr. T092030358 TMO05080739 | N.J. Bell Telephone Company N.J. Bell Telephone Company N.J. Bell Telephone Company N.J. Bell Telephone Company N.J. Bell Telephone Company United Telephone Co. of New Jersey | Mar-79 October 15, 1981 March 1, 1982 February 1, 1985 September 30, 1992 January 5,2006 |
| WN | New Mexico Corporation Commission New Mexico Corporation Commission | 1032 86-151-TC | Mountain Bell Telephone Co. General Telephone of Southwest | November 14, 1983 February 5, 1987 |
| N | Prime Cable of Las Vegas Prime Cable of Las Vegas | 95-8034/8035 96-9035 | Central Telephone - NV Sprint/Centel, Nevada Bell | Filed November 22, 1995 June 2, 1997 |
| X | Holmes Protection, Inc. Holmes Protection, Inc. 5 Alarm Companies GTE Sprint Communications Co. | 27350 27469 27710 28425 | New York Telephone Company New York Telephone Company New York Telephone Company All Telephone Companies | October 17, 1978 May 17, 1979 July 24, 1980 July 8, 1983 |
| PA | City of Philadelphia | R-832316 | Pennsylvania Bell Telephone | September 20, 1983 |
| SC | Office of Consumer Advocate U.S. Department of Defense | Depr.Repr. 86-511-C 86-541-C Depr.Repr. 89-180-C 2009-220-C | Southern Bell Southern Bell General Telephone of South Southern Bell ALLTEL of South Carolina Verizon/Frontier Communications | July 1, 1986 December 11, 1986 April 8, 1987 July 10, 1989 September 26, 1989 August 27, 2009 |

| Attachment B Page 12 of 15 | |
|--|---|
| (none) Ctober 6, 1976 bruary 13, 1989 | April 29, 1980 March 20, 1980 March 20, 1991 1973 December 20, 1983 November 8, 1988 Filled October 14, 1994 June 22, 1995 June 22, 1995 June 22, 1995 June 23, 1997 My 29, 1997 My 22, 2003 Gust 12, 2004 Filled June 23, 2005 June 23, 2005 June 24, 2005 June 25, 2005 June 27, 2005 |
| ity ses | S. S |
| Appearances before State Reg Telecommunications Cases Case Number 8585/8218 So 19696 PUC 890014 All T | U-87-7-39 U-87-7-39 U-87-7-39 U-88-20524 U-89-2698-F U-89-2698-F U-99-2698-F UT-941464 UT-941464 US West Communications UT-951425 US West Communications UT-951425 US West Communications UT-021120 UT-021120 UT-040788 Verizon Northwest, Inc. Verizon-Frontier Sale 205-0871-T-PC Verizon-Frontier Sale 205-7R-102 CenturyTel of Central Wisconsin |
| S. Department of Defense Dept. Of Defense, GSA, et ral Executive Agencies Partment of Commerce Dic Service Commission artment of Defense rument of Defense rument of Defense rument of Defense | AAARD N. S. |
| NA VI. Dep | WA Attorney General/TRACE WA Attorney General/TRACE WA Attorney General/TRACEF WA Attorney General/TRACEF WA Attorney General/TRACEF WA Attorney General/WeBTEC/ WA Attorney General U.S. Department of Defense W. U.S. Department of Defense W. GTE Sprint Wisconsin Consumers Utility Board Wisconsin Consumers Utility Board |
| | State Client To U.S. Department of Defense VI V.I. Department of Commission U.S. Department of Defense |

| Fec | Federal Communications Commission | Commission | |
|---|--|---|---|
| Client | Docket | Subject | Date |
| Department of Defense Airline Parties Airline Parties Airline Parties National Data Corporation Press Wire Services Aeronautical Radio Department of Defense State of Hawaii International Record Carriers | 16020 16258 18128 19989 19919 20814 20690 21263 CC78-97 | Consat Rate of Return Bell System Rates TELPAK WATS Private Line Rates 1,544 Mbps Service Interstate Separation Telex/TWX Rates | 1973 July 22, 1968 3/22, 10/15 1971, Feb. 22, 1972 (none) October 5, 1978 January 30, 1979 February 7, 1979 March 6, 1980 |
| ITT World Communications Aeronautical Radio MCI Ind. Data Com. Mfg. Assn. Tymnet, Inc. Adelphia Jones Intercable, et. al. Adelphia Jones Intercable, et. al. Adelphia Jones Intercable, et. al. | CC84-633 CC78-72 CC84-800 CC85-26 ENF84-22 Bell Atlantic Bell Atlantic | Rate of Return Access Line Charges Rate of Return AT&T Accounting Plan Packet Switching Costs Video Dialtone Video Dialtone | (none) (none) (none) (none) Filed 7/29/94 Filed 8/23/94 Filed 2/21/95 |
| Fauquier League for Environment Protection | Nuclear Regulatory Commission 50-328 Va. Electri | mmission Va. Electric Power Co. | 1976 |
| | Postal Rate Commission | ission | |
| Association of Third Class Mail Users Dow Jones & Company Dow Jones & Company Dow Jones & Company Dow Jones & Company Warshawsky & Company Dow Jones & Company | R71-1 R72-1 R74-1 MC76-2 MC79-3 R80-1 C82-1 R84-1 R87-1 R90-1 MC91-3 | Rates Rates Rates Rate Structure Rate Structure Rate Structure Postal Costs Rate Structure Costs Rate Structure Costs Pre-barcoding Discounts Palletization Discounts | 1970 1972 September 13, 1974 January 6, 1979 September 12, 1979 November 25, 1980 (none) June 14, 1984 November 2, 1987 Sept 12, Oct 10, 1990 November 19, 1991 |

| Client | Docket | Subject | Date |
|---|--|--|---|
| | U.S. Congress | | |
| National Retail Merchants Association National Wireless Resellers Association | House/Senate Hearings House Commerce Committee | Electric Rate Reform Legislation Interconnection & Resale of Wireless Services | 1976, 1977 & 1979 October 12, 1995 |
| Fede | Federal Maritime Commission | uo | |
| State of Hawaii Foss Alaska Line Palmetto Shipping and Stevadoring | 71-18 79-54 85-20 | Ocean Shipping Rates Barge Rate Increase Vessel Charge Liability | October-71 July 1979 October 27, 1986 |
| Interstate Commerce C | Interstate Commerce Commission - Surface Transportation Board | ransportation Board | |
| Western Coal Traffic League Western Coal Traffic League Western Coal Traffic League Arkansas Power & Light Co. Central Illinois Light Co. Western Coal Traffic League Snavely King Majoros O'Connor & Lee, Inc. | Ex Parte 349 Ex Parte 357 Ex Parte 375 (Sub1) 37276 37450 Ex Parte 347 Ex Parte 582, Sub 1 | R.R. Rate Increase R.R. Rate Increase R.R. Rate Increase Cost of Capital Cost of Capital Costing Methods Cost of Capital Rail Merger Guidelines | May-76 Oct-78 June 1, 1980 (none) March 10, 1981 (none) December 8, 2006 April 5, 2001 |
| | Civil Aeronautics Board | F | |
| Thomas Cook, Inc. | 36595 | Air Fare Deregulation | (none) |
| 00 | Copyright Royalty Tribunal | II. | |
| Public Broadcasting Service | 88-2-86CD | Television Valuation | (none) |
| | | | |

| Client | Docket | Subject | Date |
|--|--|--|---|
| | Federal Energ | Federal Energy Regulatory Commission | |
| Exxon USA Consumer Advocates of DE,DC,OH,MD,NJ,PA,WV,VA Consumer Advocates of DE,DC,OH,MD,NJ,PA,WV Maryland Office of People's Counsel Maryland Office of People's Counsel Louisiana Public Service Commission Maryland Office of People's Counsel | OR89-2-000 ER08-386-000 ER08-23-000 ER08-686-01 ER08-1329 ER09-1224 ER10-355 | OR89-2-000 Pipeline Quality Bank ER08-386-000 Electric Transmission Cost of Equity ER08-23-000 Electric Transmission Cost of Equity ER08-1329 Electric Transmission Cost of Equity ER08-1329 Electric Transmission Cost of Equity ER09-1224 Depreciation ER10-355 Electric Transmission Cost of Equity | October 18, 1990 March 26, 2008 May 21, 2008 April 7, 2008; July 8, 2008, August, 2008 March 2010 December 22, 2010 |
| | Canadian 1 | Canadian Transport Commission | |
| Ľ | Rail Costi elecommunicatic | Rail Costing Inquiry, 1967-1969 Telecommunications Costing Inquiry, 1972-1975 | |